

ELECTROMAGNETIC VALVE.

Publication number: EP0683862

Publication date: 1995-11-29

Inventor: REITER FERDINAND (DE); MAIER MARTIN (DE); HEYSE JOERG (DE); KEIM NORBERT (DE)

Applicant: BOSCH GMBH ROBERT (DE)

Classification:

- international: B23K9/04; B23K10/02; F02M51/06; F02M51/08; F02M61/16; F02M63/00; B23K9/04; B23K10/02; F02M51/06; F02M51/08; F02M61/00; F02M63/00; (IPC1-7): F02M51/06

- european: F02M51/06B1; F02M51/06B2; F02M51/06B2E; F02M51/06B2E2B; F02M61/16F; F02M61/16H

Application number: EP19950900661 19941124

Priority number(s): WO1994DE01392 19941124; DE19944421935
19940623; DE19934341961 19931209

Also published as:

WO9516126 (A1)
 US5732888 (A1)
 JP2005337266 (A)
 EP0683862 (A0)
 BR9406079 (A)

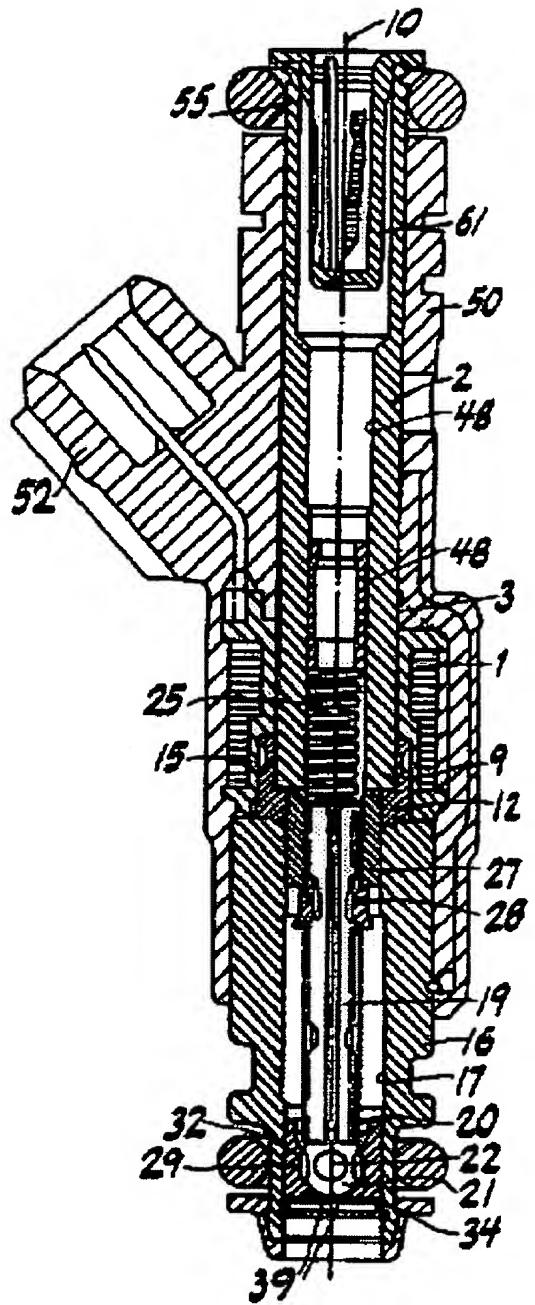
[more >>](#)

[Report a data error here](#)

Abstract not available for EP0683862

Abstract of corresponding document: **US5732888**

PCT No. PCT/DE94/01392 Sec. 371 Date Aug.
9, 1995 Sec. 102(e) Date Aug. 9, 1995 PCT Filed
Nov. 24, 1994 PCT Pub. No. WO95/16126 PCT
Pub. Date Jun. 15, 1995An electromagnetically
operable valve includes at least one component
part, e.g. the armature, which possesses, prior to
the application of a wear resistant coating, a
wedged surface, which is in each case variably
creatable in accordance with a magnetic and
hydraulic optimum. The annular impact segment
formed by the wedging possesses a defined
impact face width or contact width which remains
constant throughout the service life, since any
wearing of the impact face does not lead, in
continuous running, to an enlargement of the
contact. The valve is particularly suitable for use
in fuel injection systems of explosion-type, spark-
ignition combustion engines.



Data supplied from the esp@cenet database - Worldwide